



Manual de servicio

Acondicionador de Aire Tipo Ventana

Modelo: DWA-182R



Contents

CONTENTS

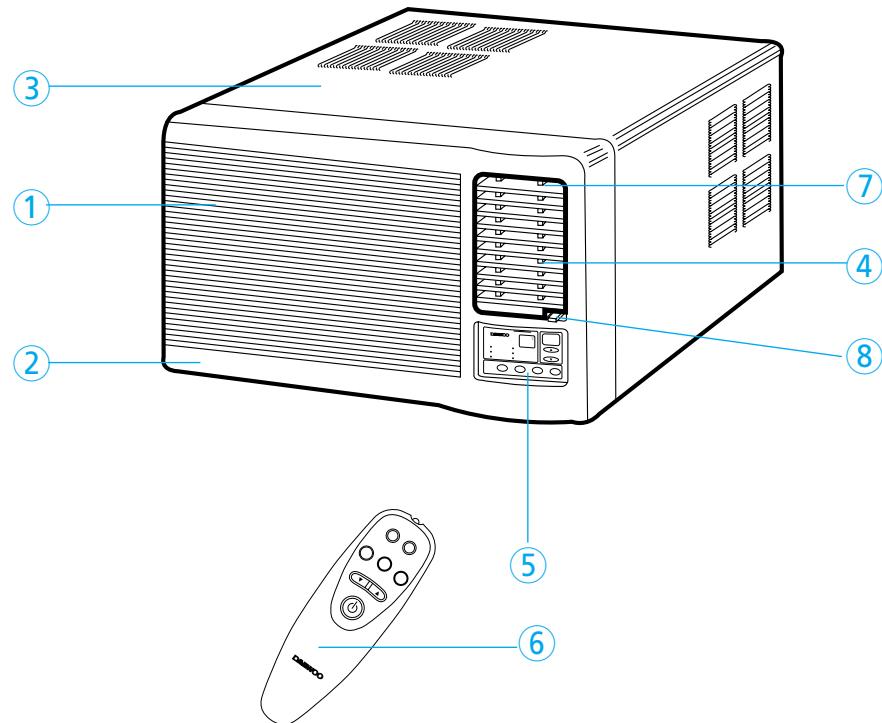
1. Specifications	2
2. Operation	3
3. Wiring Diagram	10
4. Refrigerant Cycle	11
5. Control Block Diagram	12
6. Circuit Diagram	13
7. Trouble Shooting	16
8. Key Components of Electronic Circuit	26
9. Disassembly Instructions	28
10. Exploded Diagram and Parts List	29

1. SPECIFICATIONS

ITEM	MODEL	DWA-182R
Power source	V/Hz	AC 220V, 60Hz
Cooling Capacity	Btu/h	18,000
	Kcal/h	4,540
Energy Efficiency Ratio	Btu/wh	8.8
	Kcal/wh	2.2
Dehumidification	L/h	2.3
Electrical Data	Power Input(W)	2,040
	Running Current(A)	9.4
Compressor	Type	Rotary
	Model	RCA180B001
	Capacitor	AC 400V, 30μF
Fan Motor	Model	IC-1264ODWWF6B
	Capacitor	AC 400V, 6μF
	Indoor-Fan	Blower-Fan
	Outdoor-Fan	Propeller-Fan
Refrigerant(R-22)	Control	Capillary
	Charge Amout(g)	970g
Dimensions	Unit(W x H x D)	660 x 430 x 705 (mm)
	Packing(W x H x D)	711 x 525 x 757 (mm)
Weight	Net Weight (Kg)	51.5
	Gross Weight (Kg)	56.5

2. OPERATION

1 PARTS OF NAME AND FUNCTION



NO	PART NAME	NO	PART NAME
1	AIR FILTER	5	PANEL CONTROL
2	GRILL FRONT	6	REMOTE CONTROLLER
3	CABINET	7	BLADE HORIZONTAL
4	BLADE VERTICAL	8	AIR VENT

2 REMOTE CONTROLLER

TIMER/CANCEL

- Everytime you push this button, timer is set as follow.
(1Hr→2Hr→3Hr→4Hr→5Hr→6Hr→8Hr→10Hr→12Hr→16Hr→20Hr→24Hr→CANCEL).
After the unit is timed, if this button is pushed, timer is canceled.

FAN SPEED

- Everytime you push this button, it is selected as follow.
(High→Mid→Low→High)

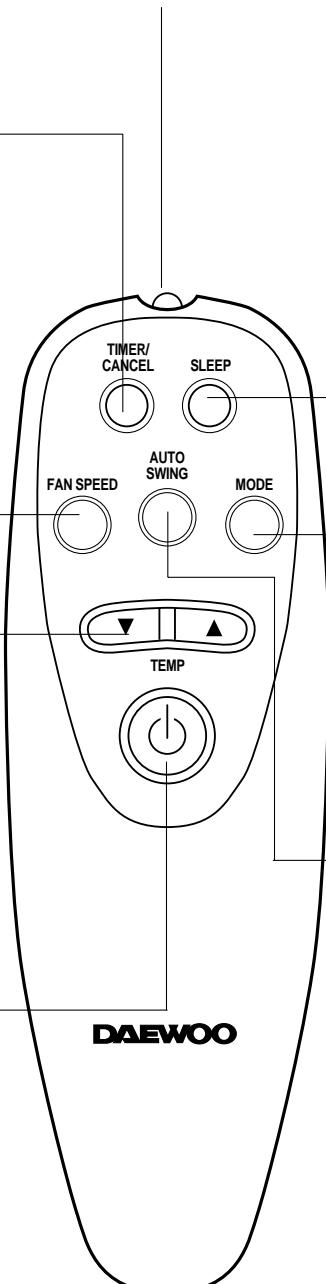
TEMPERATURE

- It is the button to set the room in the desired room temp.
The temp can be set within a range from 16°C (60°F) to 32°C (90°F) by 1°C (1°F)

POWER ON/OFF

- To turn the unit ON, push this button. To turn the unit OFF, push this button, again.

REMOCON SIGNAL TRANSMITTER



SLEEP

- SLEEP mode is selected as follow. (L1→L2→Cancel)

MODE

- Everytime you push this button, it is selected as follow.
(COOLING→TURBO→FAN→COOLING)

AUTO SWING

- Everytime you push this button, the auto swing mode is toggled.

* Do not use the REMOTE CONTROLLER before the lamp lights. If use, the “°F” temperature display can change to “°C” temperature display (only “°F” temperature display model).

3 REMOTE CONTROLLER DISPLAY

MODE DISPLAY

- It displays the operating mode.

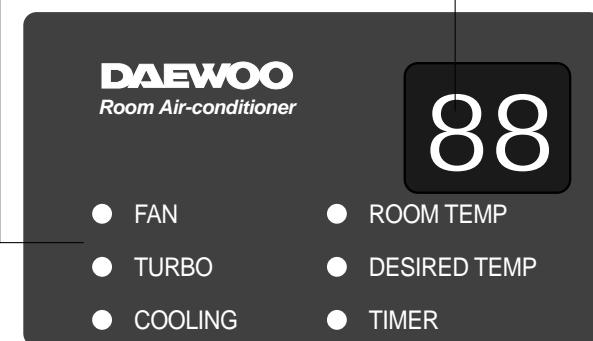
TEMP./TIMER DISPLAY

- It displays the temperature and the timer.

REMOCON SIGNAL RECEIVER

TEMPERATURE SET BUTTON

- It is the button to set the desired room temperature.
The temperature can be set within a range from 16°C (60°F) to 32°C (90°F) by 1°C (1°F)



FAN SPEED BUTTON

- Everytime you push this button, It is selected as follow. (High→Mid→Low→High)

AUTO SWING BUTTON

- Everytime you push this button, the auto swing mode is toggled.

MODE SELECT BUTTON

- Everytime you push this button, It is selected as follow. (COOLING→TURBO→FAN→COOLING)

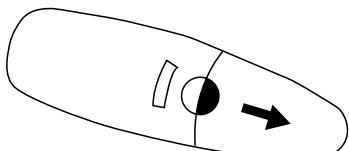
POWER ON/OFF BUTTON

- To turn the unit ON, push this button.
To turn the unit OFF, push this button again.

Replacing Batteries

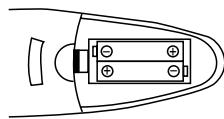
1 Remove the COVER from the back of the remote controller.

- Slide the cover according to the arrow direction



2 Insert two batteries.

- Be sure that the (+) and (−) directions are correct
- Be sure that both batteries are new



3 Re-attach the cover.

- Slide it back into position

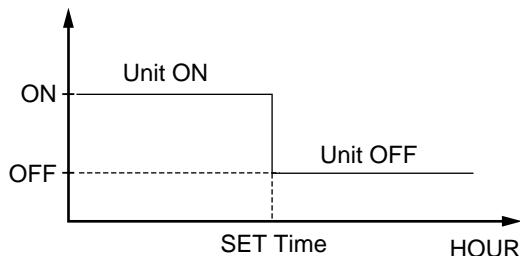


- Do not use rechargeable batteries such batteries differ from standard dry cells in shape, dimensions and performance.
- Remove the batteries from the remote controller if the air conditioner is not going to be used for an extended length of time.

4 DESCRIPTION OF FUNCTIONS

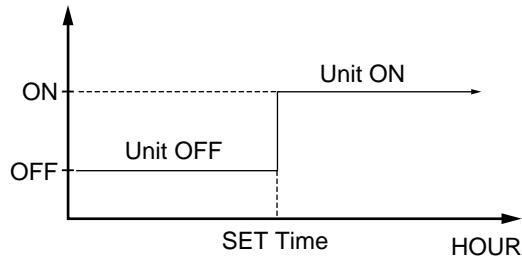
OFF-Timer

If you set time in OFF-Timer Mode, the unit will stop at the set time.



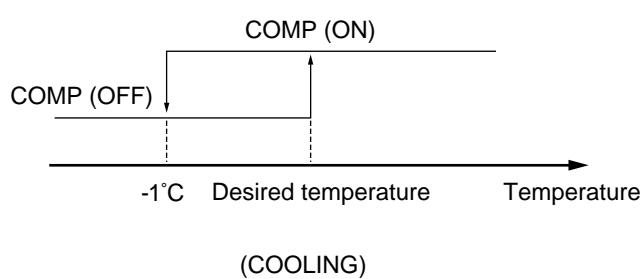
ON-Timer

If you set time in ON-Timer Mode, the unit will run at the set time.



Control of Room Temperature

- (1) Range of setting temperature: 16~32°C
- (2) Setting temperature: Operating temperature of compressor



* (Room temperature
< setting temperature
Compressor OFF

Room temperature
> setting temperature
Compressor ON

Buzzer

If the Unit Display receive the signal of Remote Controller, you can hear the signal "beep -" or "beep, beep".

Fan Speed

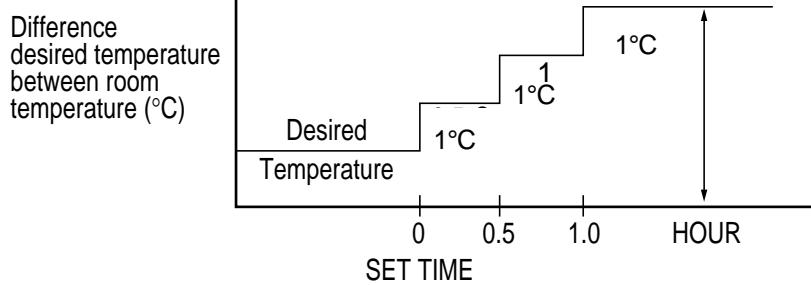
- (1) Motor speed (high speed, normal speed, low speed).
- (2) Remote controller setting fan speed. (H, M, L)
- (3) Relation of operating mode between fan speed.

	FAN ONLY	COOL	TURBO
H	H	H	H
M	M	M	-
L	L	L	-

Sleep Mode

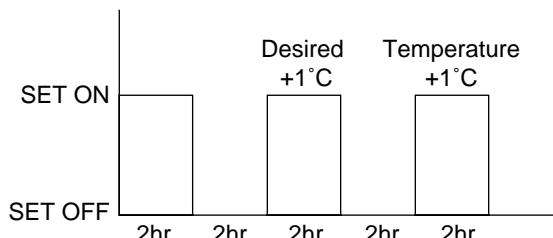
- (1) When you are going to sleep, select sleep button in remote and the unit controls the room to the desired temperature. (The unit will not operate after 4 hour)
- (2) For changing the temperature.

- **Mode I (L1)**



- The unit will not operate after 4 hour.

- **Mode II (L2)**



- The unit will not operate perfectly after 10 hour.

- (3) To cancel sleep mode, press the SLEEP button again or press the MODE button once. : the SLEEP indicator will disappear in the display.

3min. Time Delay of Compressor

In normal operation, there is a time delay of three minutes between turn off and turning back on including initial power up.

Auto Swing

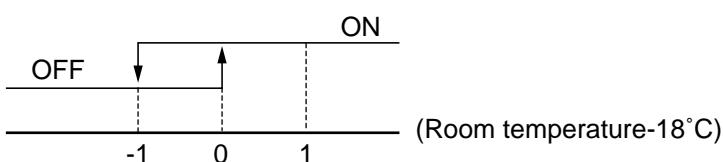
- (1) When you push this button, in remocon the left/right flap move to the position of keeping the room temperature comiortable.
- (2) The air discharge direction procedure is below.

Auto swing ← → Fixed

Turbo Mode(Powerful Cooling)

- (1) Cooling Condition

- ① Fan Speed: High speed
- ② Set temperature:16°C(Fixed)
- ③ Compressor and Fan



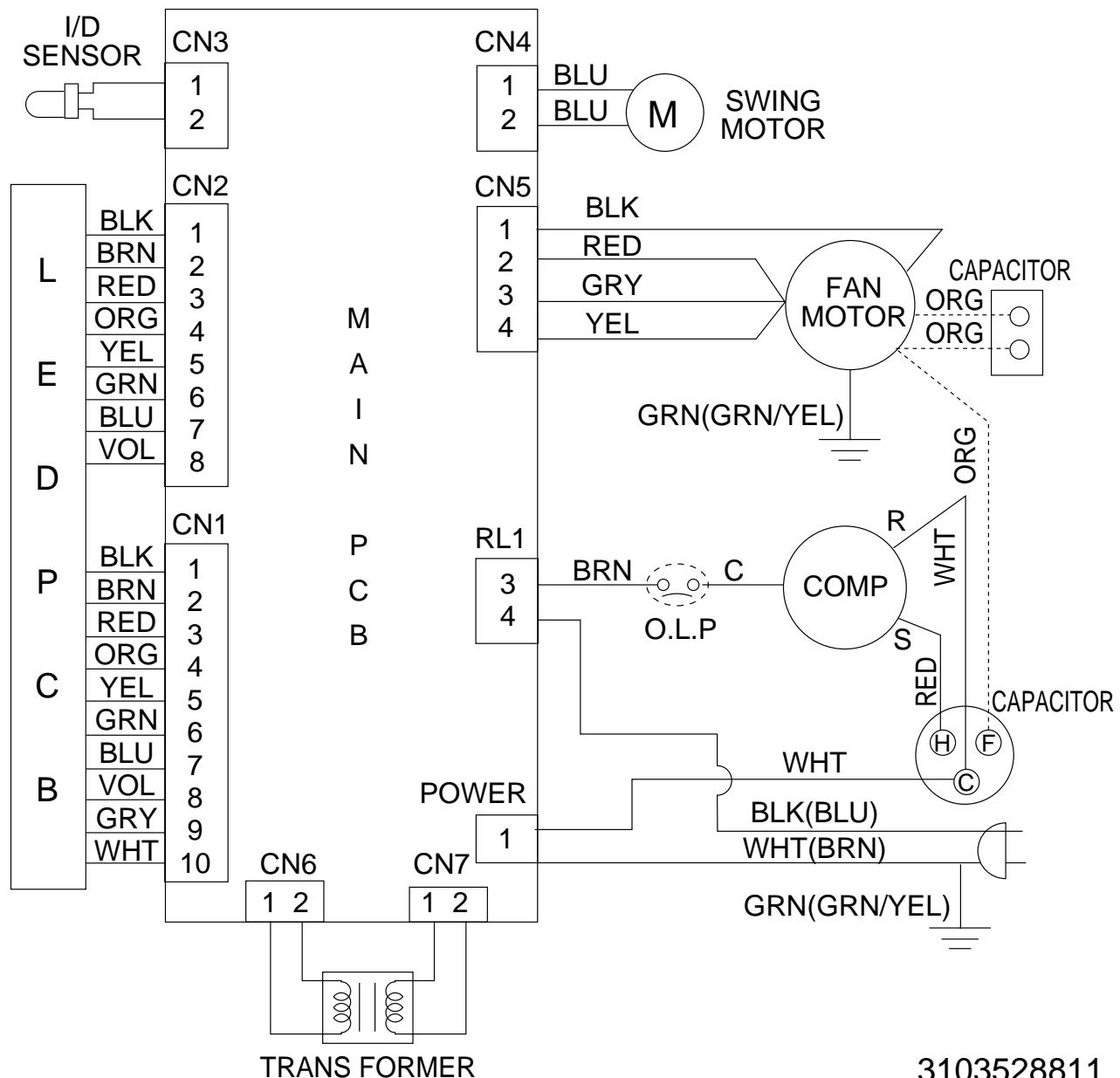
Self-Diagnostic Function

The control will contain diagnostic test to verify the integrity of the system.

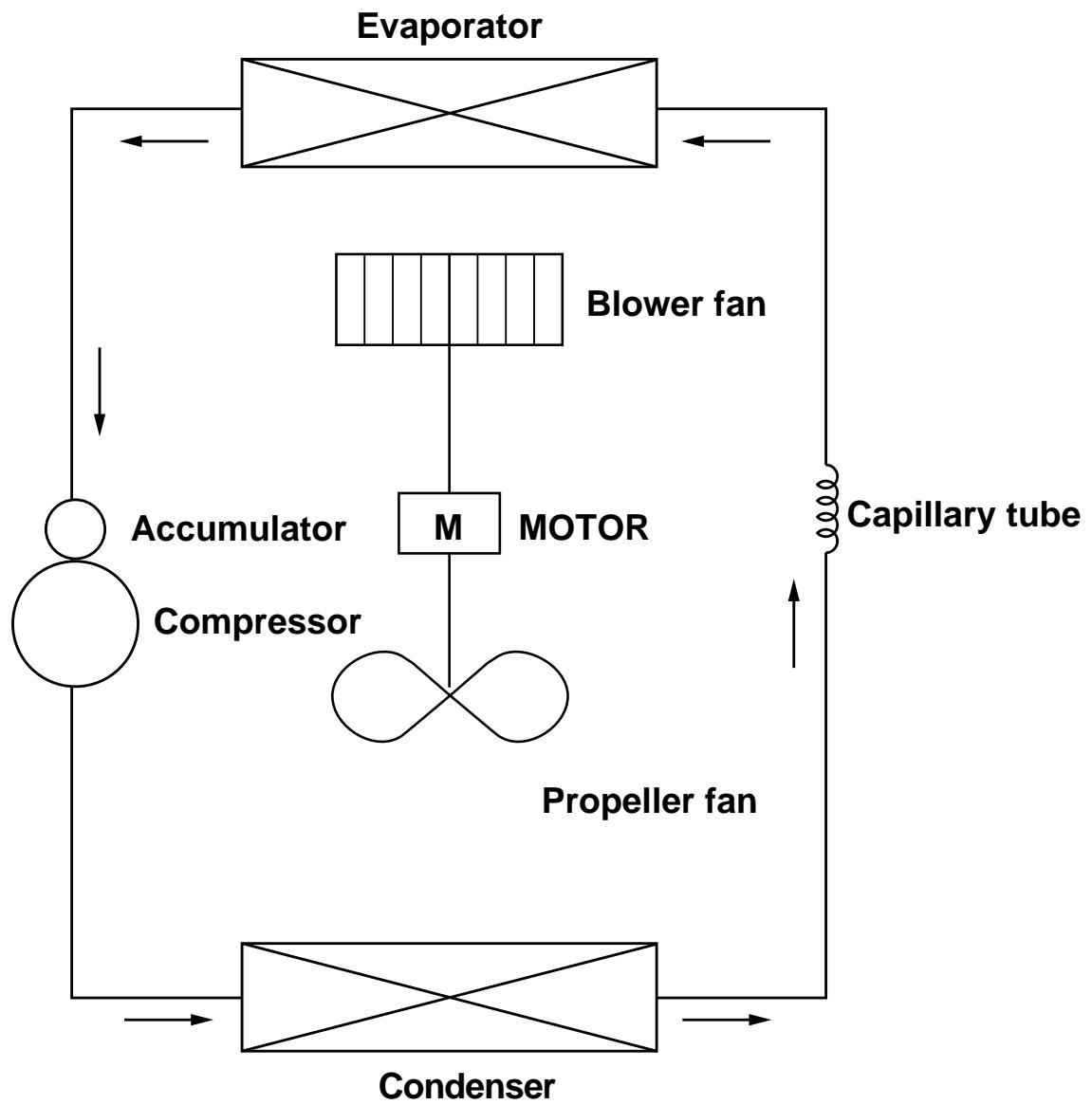
- (1) Error Code Display

ERROR CODE	88 LED DISPLAY	ERROR CONTENTS
1		Room air thermistor short or open.

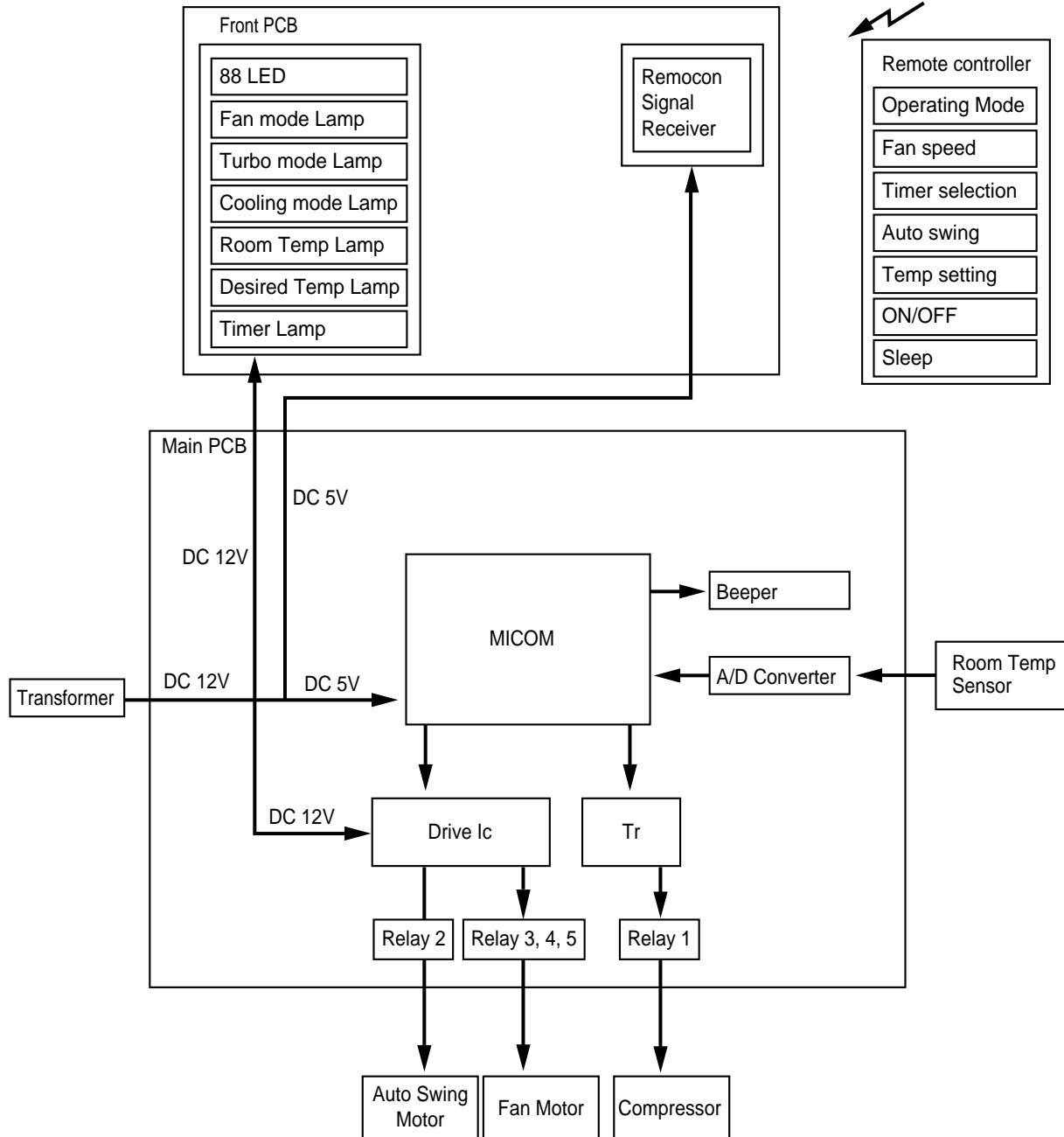
3. WIRING DIAGRAM



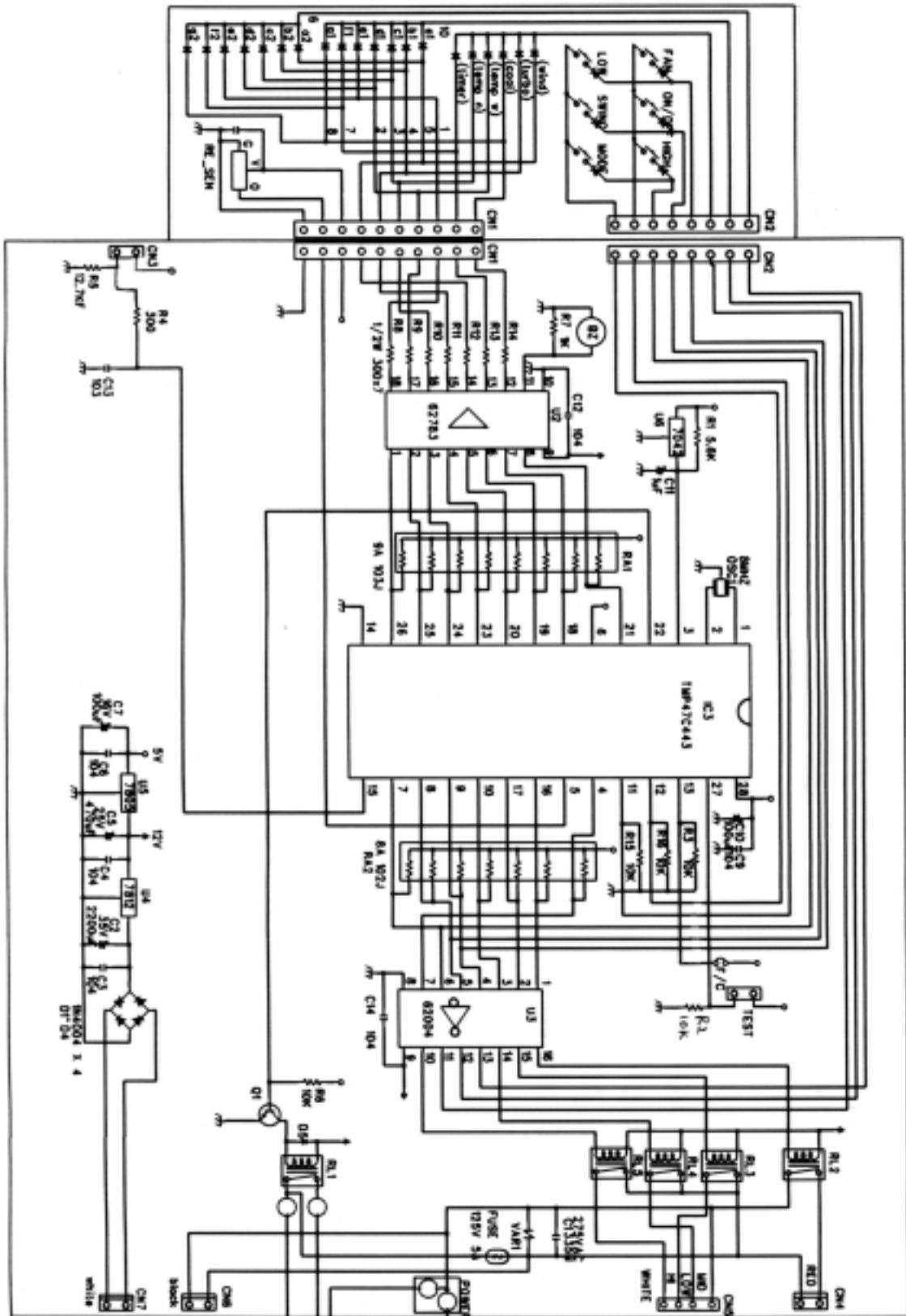
4. REFRIGERANT CYCLE



5. CONTROL BLOCK DIAGRAM



6. CIRCUIT DIAGRAM



Part List

MAIN PCB ASS'Y(3104302500)

NO	PART NAME	SPEC	PART CODE	Q'TY	REMARK
1	IC MICOM	TMP47P443N	13GSHK64--	1	U1
2	IC DRIVE	TD62004AP	13GT62004A	1	U3
3	IC DRIVE	TD62783AP	13GT62783A	1	U2
4	IC REGULATOR	KIA7812P	1KA7812AP-	1	U4
5	IC REGULATOR	KIA7805P	1KA7805AP-	1	U5
6	IC RESET	KIA7042P	1KA7042P--	1	U6
7	FUSE CLIP	AFC-520	3107000600	2	FUSE
8	FUSE	125V, 5A	5FULB502L-	1	
9	RELAY	CS11-12SH	5SC0101128	4	RL2
10	RELAY POWER	G4A-1A	5SC010141A	1	RL1
11	RESONATOR	CST8.00MTW	4850L03610	1	OSC1
12	VARISTOR	15G561K	D15G561K--	1	VAR1
13	DIODE	1N4004	DZN4004A--	4	D1-4
14	DIODE	1N4148	DZN4148A--	1	D5
15	HEAT SINK	22(H)X23X17	3105797200	1	
16	PCB	FR-1	3104302100	1	
17	BUZZER	BM-20K	3105698100	1	BZ
18	TR	KRC3198Y	TZTC3198Y-	1	Q1
19	WAFER	YW396-03AV	3108802500	1	CN4
20	WAFER	YPW500-04	3108805500	1	CN5
21	WAFER	YW396-03AV(BK)	3108802700	1	CN6
22	WAFER	YW500-02V	3108803000	1	CN7
23	WAFER	SMW250-02	3108804200	1	CN3
24	WAFER	SMW250-08	3108804000	1	CN2
25	WAFER	SMW250-10	3108802100	1	CN1
26	WAFER	YF254S-02	3108804300	1	TEST
27	PIN	GP881206-2	3108803500	2	POWER
28	RESISTOR	300, 1/4W, 5%	RD-4K301J-	1	R4
29	RESISTOR	1K, 1/4W, 5%	RD-4K102J-	1	R7
30	RESISTOR	5.6K, 1/4W, 5%	RD-4K562J-	1	R1
31	RESISTOR	10K, 1/4W, 5%	RD-4K103J-	5	R2,3,6,15,16
32	RESISTOR	12.7K, 1/4W, 5%	RD-4K1272F	1	R5
33	RESISTOR	300, 1/2W, 5%	RD-2K301J-	7	R8-14
34	RESISTOR ARRY	9A 103J	RA8K8103J-	1	RA1
35	RESISTOR ARRY	8A 102J	RA8K7102J-	1	RA2
36	C-ELEC	1000µF 35V SD	CEXE1V108C	1	C2
37	C-ELEC	470µF 25V SD	CEXE1E477C	1	C5
38	C-ELEC	100µF 16V SD	CEXE1C107C	1	C7
39	C-ELEC	10µF 50V SD	CEXE1C106C	1	C10
40	C-ELEC	4.7µF 50V SD	CEXE1H475C	1	C11
41	C-CERA	103Z 50VDC	CCXE1H103M	1	C13
42	C-CERA	104Z 25VDC	CCXE1EH104M	7	C2-4,6, 9,12,13
43	JUMPER	10MM	3109400100	14	J1-6,9,12 J14-16,18
44	JUMPER	6MM	3109400200	4	J7-8,13,17

Front PCB ASS'Y (3104302400)

NO	PART NAME	SPEC	PART CODE	QTY	REMARK
1	LED DISPLAY	88	3103003700	1	DISP
2	C-CERA	103Z 50VDC	CXCH1H103M	1	C1
3	RECEIVE MODULE	PIC-26043TH2	1PC26043TH	1	REMO
4	LED	DLSO-5031D	DDLS05031D	3	
5	LED	DLG-5031D	DDLG5031D-	3	
6	SWITCH TACT	JTP1212	3109300900	6	
7	DIODE	1N4148	DZN4148A--	6	D1-6
8	WAFER	SMAW250-08	3108804800	1	CN1
9	WAFER	SMAW250-10	3108802400	1	CN2
10	PCB	FR-1	3104302200	1	
11	JUMPER	10mm	3109400100	7	J1-7

Remocon ASS'Y (3108402900)

NO	PART NAME	SPEC	PART CODE	QTY	REMARK
1	CASE-A	ABS380	3101100510	1	
2	CASE-B	BAS380	3101100600	1	
3	CUSHION KEY	SILICON 6U	3101405900	1	
4	SPRING A	SUS304	3105100600	1	
5	SPRING B	SUS304	3105100700	1	
6	COMMON SPRING	SUS304	3105100800	1	
7	SCREW A	M1.9*6.5	3108495110	3	
8	RESONATOR	RJ-455BL	5ZAR455---	1	X1
9	ELEC CONDENSOR	10VB 47M	CEAF10475M	1	C1
10	CHIP CONDENSOR	CETMK212F221Z-T	HCQD220MQ	2	C2,3
11	CHIP RESISTOR	1/10W 1.5 OHM	HRFT159JCP	1	R1
12	CHIP RESISTOR	1/10W100K OHM	HRFT104JCP	3	R2,3,4
13	TRANSISTOR	STN2222	TSTN2222-	1	Q1
14	LED IR	SI5312-H	DS5312-H--	1	IR1
15	IC REMOCON	PT2221	14EZPT2221	1	U1
16	COVER BTRY	ABS	3101405900	1	
17	PCB REMOCON	FR-1	3104302000	1	
18	HOLDER REMOCON	ABS	3103003400	1	

7. TROUBLE SHOOTING

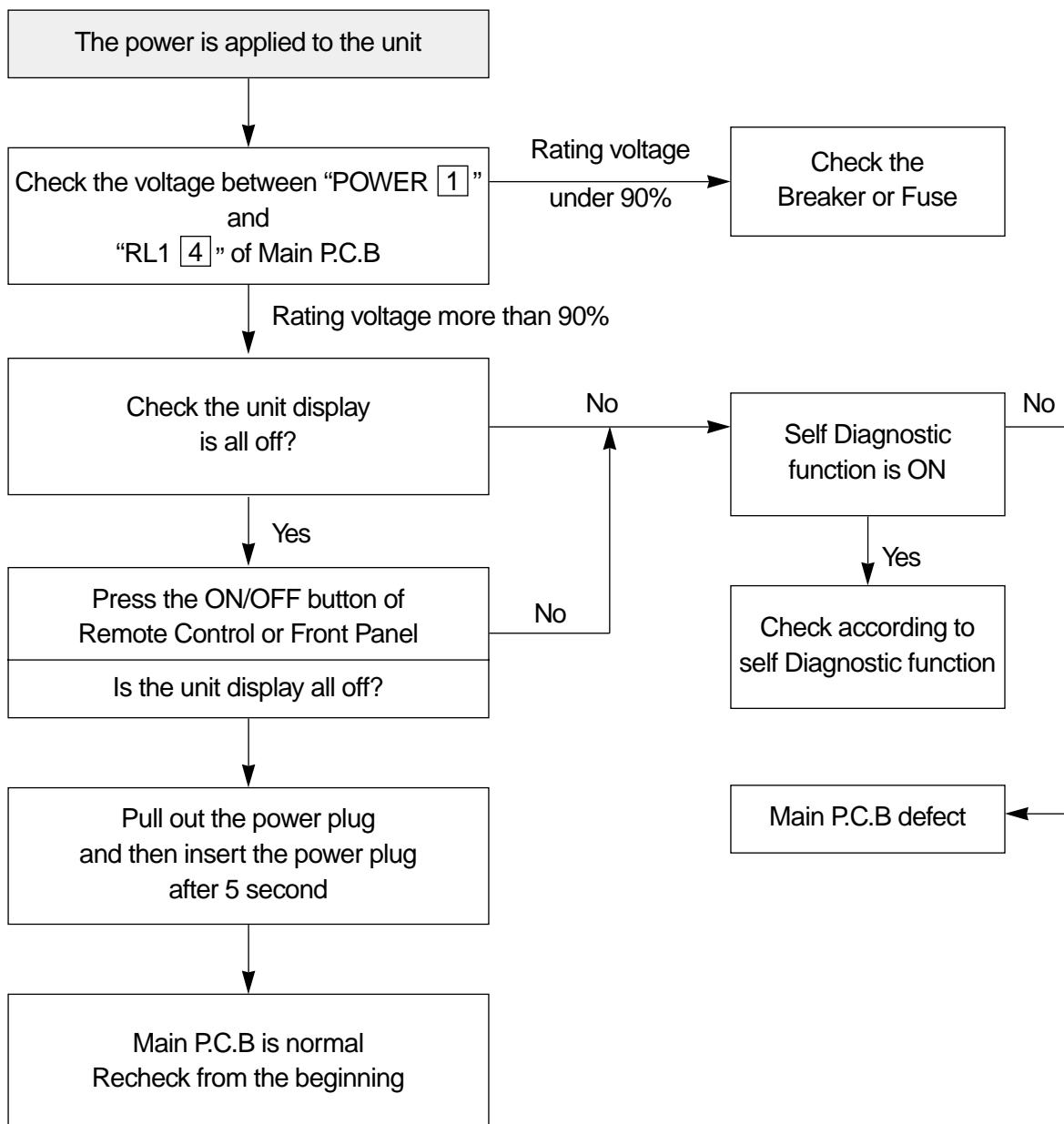
Self-Diagnostic Function

1) Error Code 1(Er)

- ① Check the connector of room air thermistor. (or connecting wire)
- ② Check soldering of connecting on control P.C.B. (Error of soldering or short)
- ③ Check the resistance of room air thermistor.

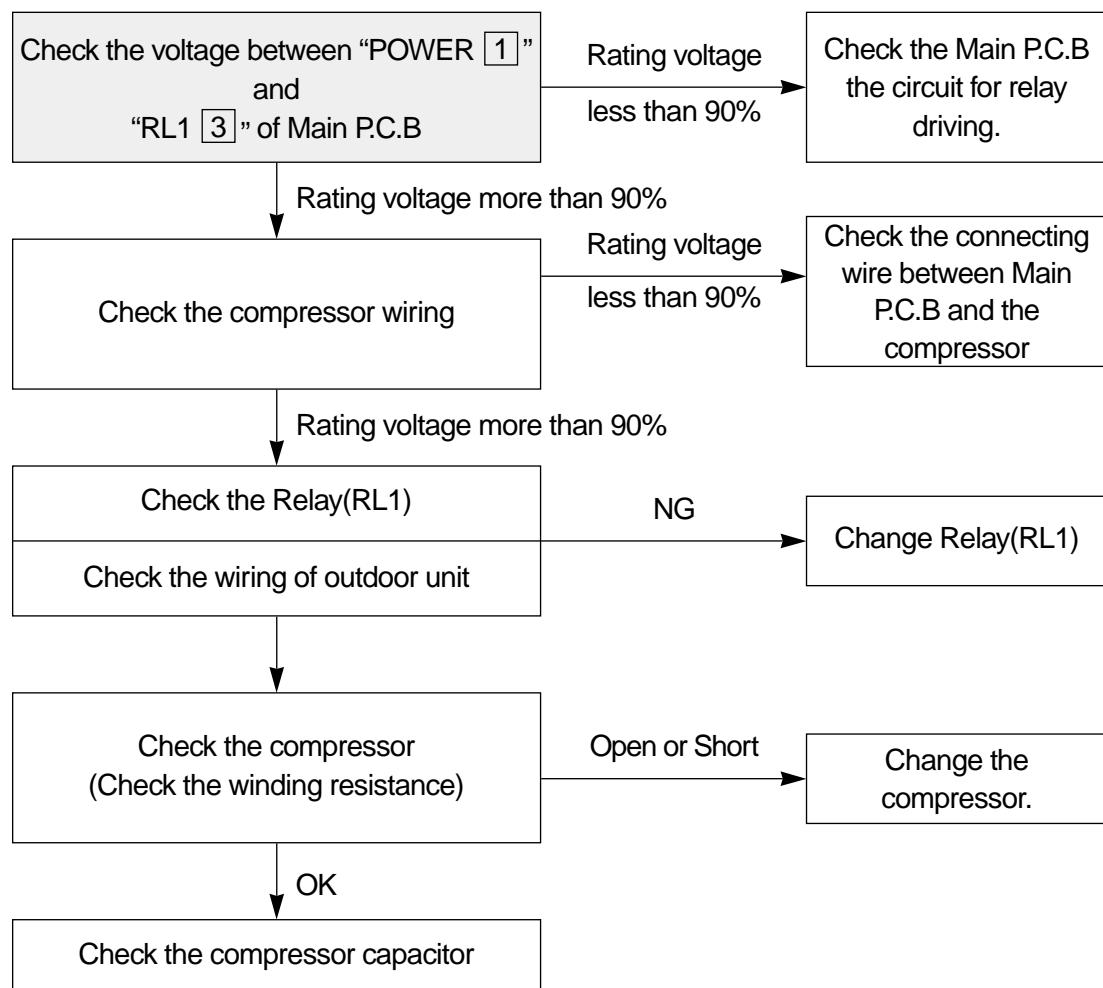
"Press the temperature Keys (Up & Down), Error code is displayed."

Unit Not Run



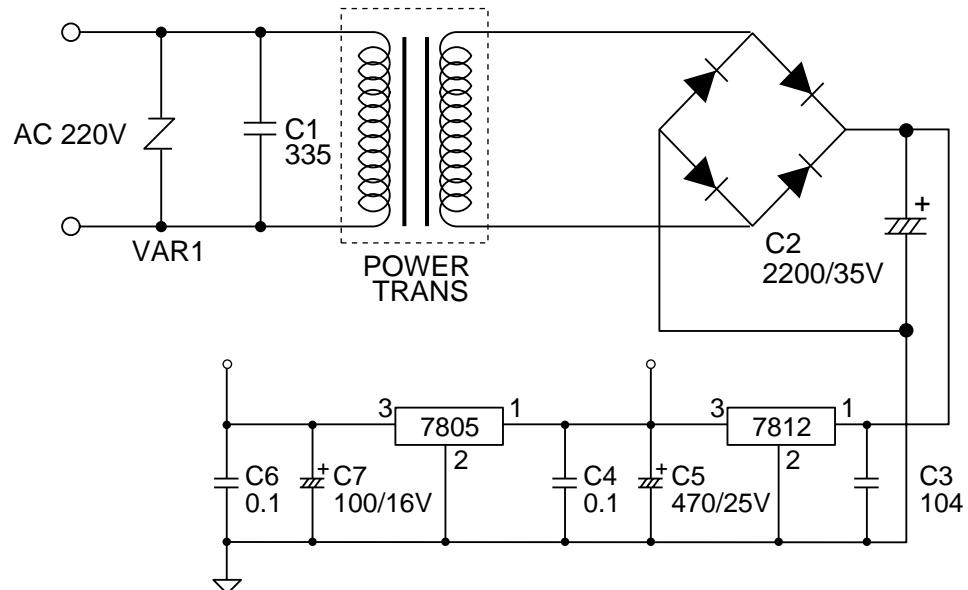
Only Compressor Do not Run

- Check the following at cooling mode



PCB DRIVING DESCRIPTION

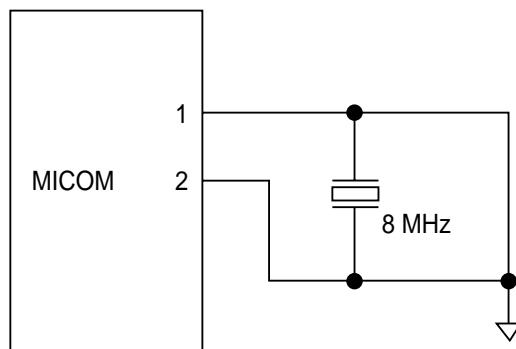
Power Supply(1)



DESCRIPTION

DC Power Supply in circuit needs +12V and +5V. +12V is used for Compressor Driving Relay, Fan Motor Driving Relay, Buzzer Driving, Swing Motor Driving Relay and LED Display. AC voltage of secondary Power Transformer is rectified by 4 Diode, and it is filtering by Main Condensor C2. Filtered DC voltage is about +17V is regulated +12V DC by Regulator IC7812. And it is regulated +5V DC by Regulator IC7805. VAR1 is surge filter and C4, C6 is Noise filter.

Oscillation(2)



DESCRIPTION

Oscillatory Frequency drive Micom, it is made up 8MHz resonator oscillatory Frequency. Oscillatory wave is as following Fig 2-1.

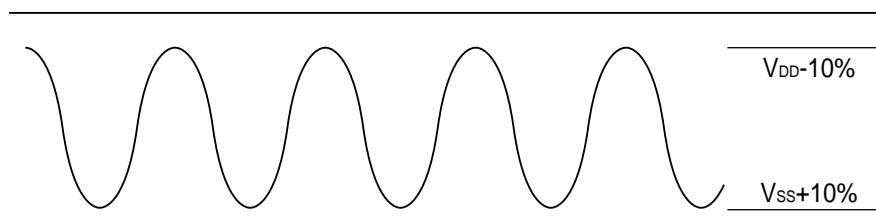
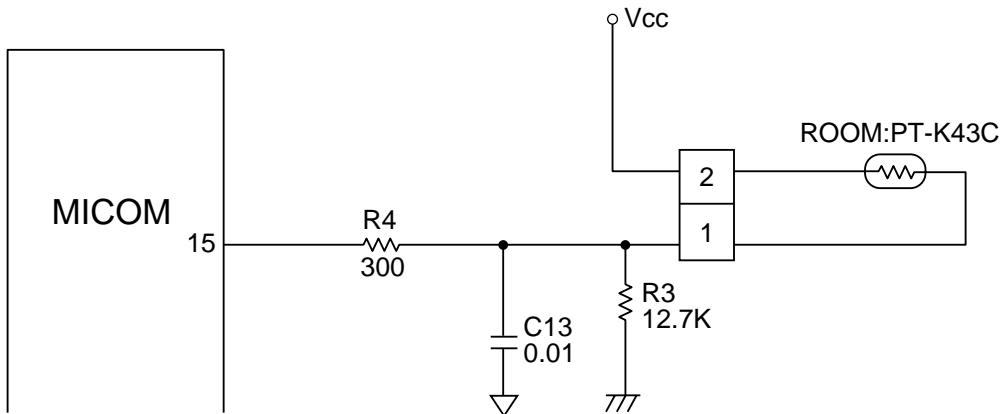


Fig 2-1

Sensor(3)

Room temperature Sensor Input



DESCRIPTION

Number 15 of Micom is Terminal of A/D convertor Input.

Room temperature is sensing by change of Thermister Resistance, Micom is put in 5V by ratio between R3 (12.7KΩ) and Room sensor.

Relation between temperature and voltage is following Table 3-1.

C13 is Noise filter.

Temperature (°C)	Voltage (V)	
	No. 15	
-10	4.06	
0	3.60	
15	2.76	
25	2.20	
40	1.48	

Table 3-1

Remote Controller(4)

DESCRIPTION

Signal from Remote Controller put in only Control Data Signal at Micom Terminal of Number 5, which is gotten field of Carrier (38KHz) from Receive Module. Signal Wave repeat third as following Fig 5-1. But in Secondary Wave Custom Code is Reversed Face.

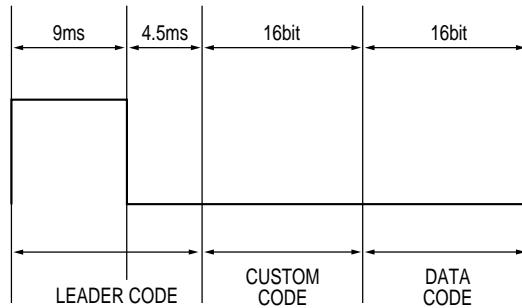


Fig 5-1

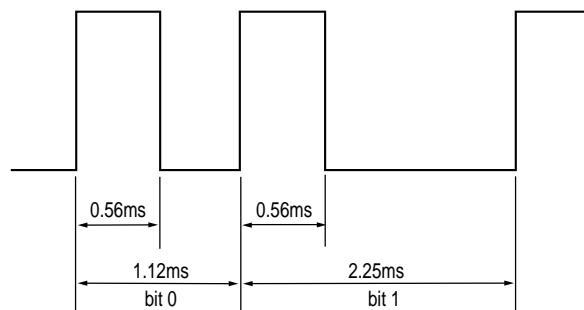
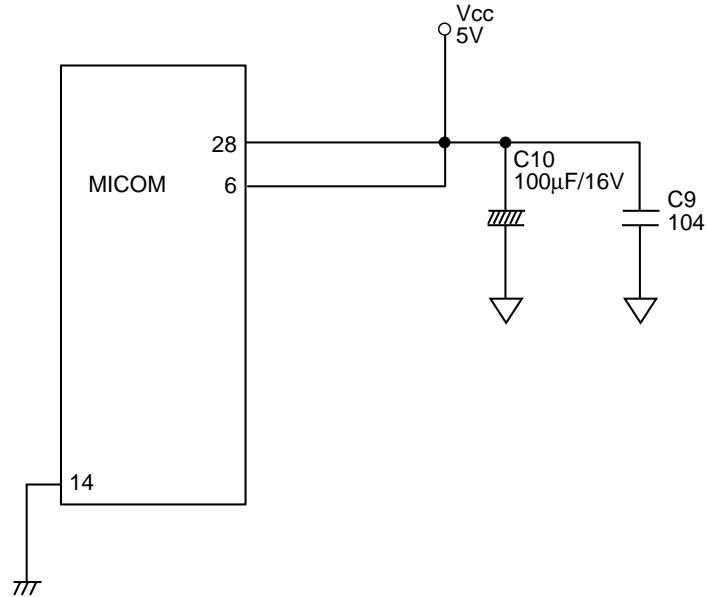


Fig 5-2
BIT STRUCTURE

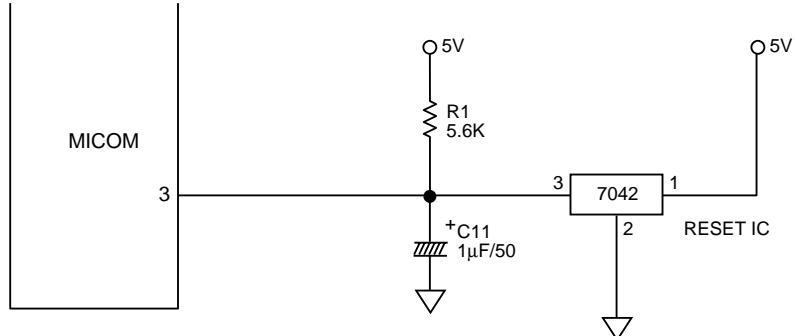
Micom Power Supply(5)



DESCRIPTION

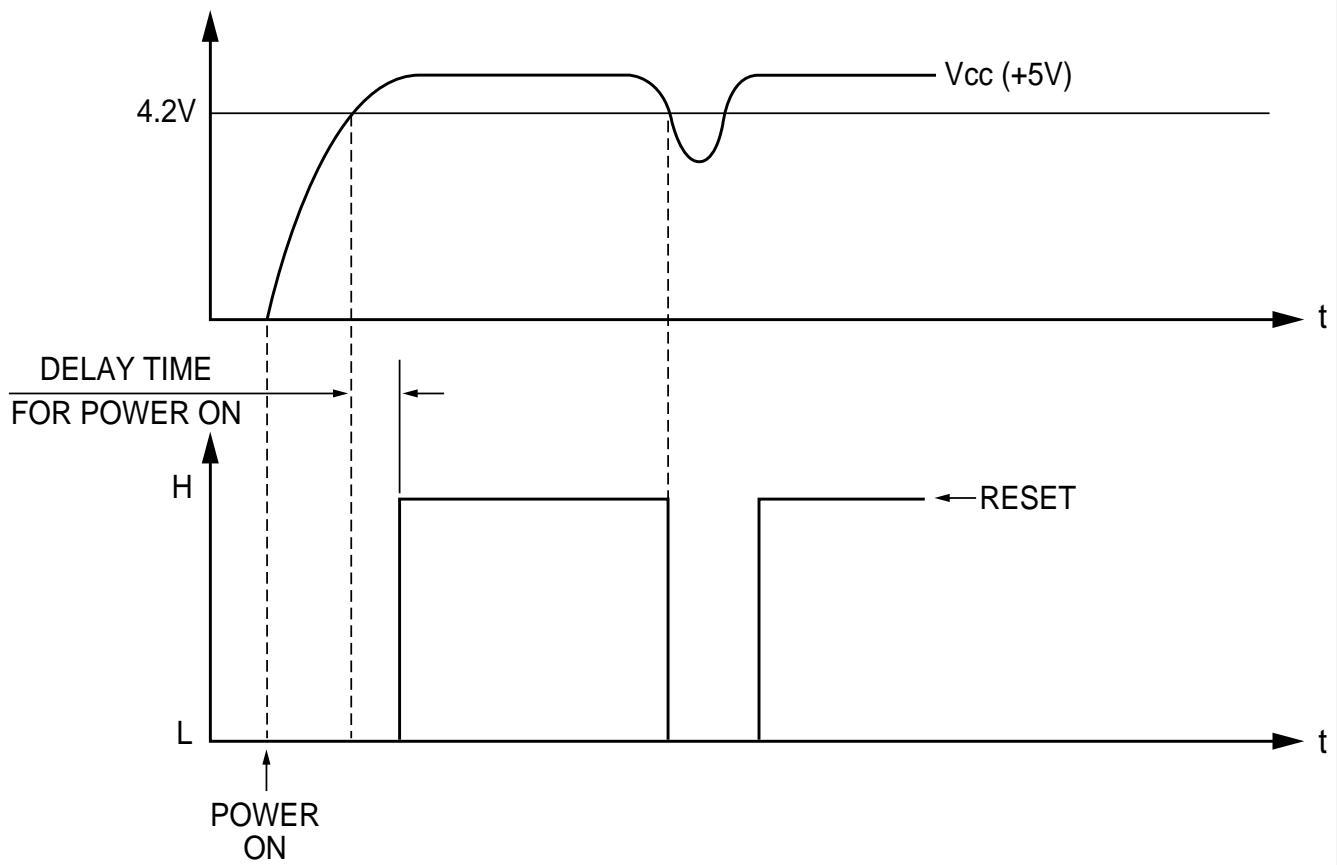
MICOM Power is supplied 5V at Number 28 using VDD, Number 6 using Analog Reference of A/D Converter. C9, C10 is Ripple filter.

Reset(6)

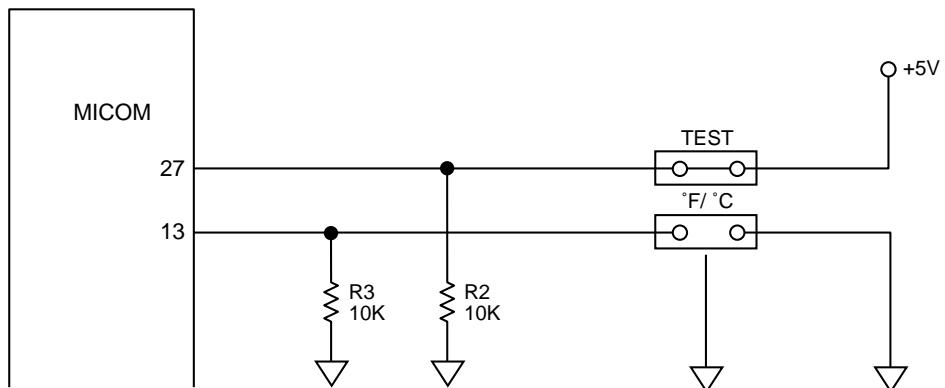


DESCRIPTION

Voltage less than about 4.2V put in Micom Terminal of Number 6 and then Micom reset. Reset IC detect Power ON and Voltage greater than 4.2V, and then send Reset Signal.



Function Selecting(7)



DESCRIPTION

Selecting Function is as following table 9-1.

Selection S/W Function	SHORT	OPEN
°F / °C	°F	°C
TEST	OK	NO

Table 9-1

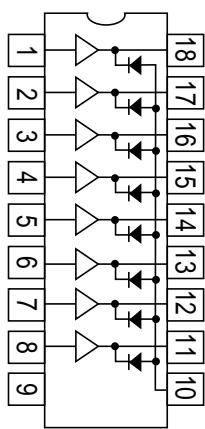
8. KEY COMPONENTS OF ELECTRONIC CIRCUIT

(1) IC3 (MICOM)

TMP47C443N

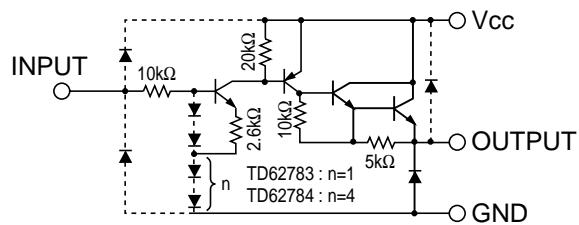
XOUT	→ □ 1	28	□ ← VDD
XIN	→ □ 2	27	□ ← HOLD (KE0) ← TEST
RESET	→ □ 3	26	□ ← R92 (SCK) ← Display Out
Fan Speed(Hi)	→ R70 → □ 4	25	□ ← R91 (SO) ← Display Out
Remocon Signal	→ R71 (PULSE) → □ 5	24	□ ← R90 (SI) ← Display Out
	→ R72/VAREF → □ 6	23	□ ← R83 (T1) ← Display Out
Display In, Key Out	→ R40 (AIN0) → □ 7	22	□ ← R82 (INT1/ZIN) ← Comp
Display In, Key Out	→ R41 (AIN1) → □ 8	21	□ ← R81 (T2) ← Buzzer
Display In, Key Out	→ R42 (AIN2) → □ 9	20	□ ← R80 (INT2) ← Display Out
Fan Speed(Mid)	→ R43 (AIN3) → □ 10	19	□ ← R63 ← Display Out
Key In	→ R50 (AIN4) → □ 11	18	□ ← R62 ← Display Out
Key In	→ R51 (AIN5) → □ 12	17	□ ← R61 ← Fan Speed(Low)
Option(°F / °C)	→ R52 (AIN6) → □ 13	16	□ ← R60 ← Auto Swing
	VSS → □ 14	15	□ ← R53 (AIN7) ← Room Sensor

(2) U2 (TD62783AP)

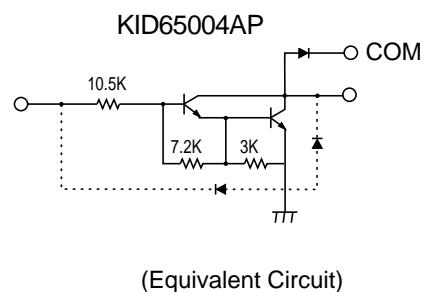
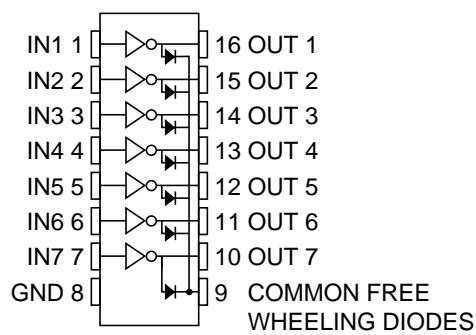


(Top View)

SCHEMATIC DIAGRAM



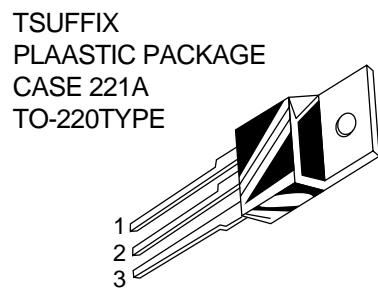
(3) U2(TD62004AP) DARLINGTON ARRAYS



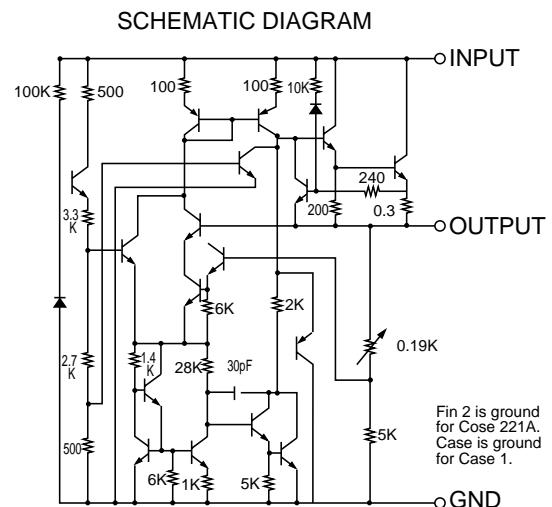
(Top View)

(Equivalent Circuit)

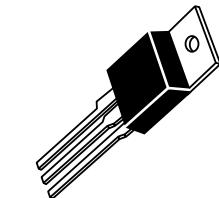
(4) U7 (7805CT): VOLTAGE REGULATOR (5VDC)



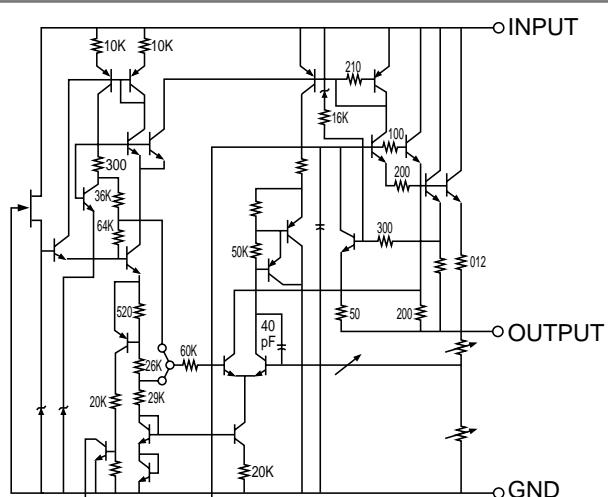
Pin 1. INPUT
2. GROUND
3. OUTPUT



(5) U6 (7812ACT): VOLTAGE REGULATOR (12VDC)



Pin 1. INPUT
2. GROUND
3. OUTPUT



(Equivalent Circuit)

9. DISASSEMBLY INSTRUCTIONS

Please refer to the chapter 10 (Exploded diagram and parts list).

1	Before service of any part.	<ol style="list-style-type: none"> 1. Stop the unit, remove the power cord from the receptacles. 2. Move the unit to the safe location for the suitable work.
2	Ass'y Fan Motor - Fan Motor - Propeller Fan - Blower Fan	<ol style="list-style-type: none"> 1. Remove Front Grille <ul style="list-style-type: none"> - Remove Filter Pre. - Remove screw(2 point) in Front Grille. 2. Remove Cabinet from the unit. <ul style="list-style-type: none"> - Remove screws (2 point) from the unit's sides. 3. Remove Holder Scroll. 4. Remove Scroll upper 5. Remove Ass'y Control Box <ul style="list-style-type: none"> - Remove screws (4 point). - Remove wires in the each components. 6. Remove wires in the Panel Housing. 7. Remove screws (4 point) from Ass'y Fan Motor's sides. <ul style="list-style-type: none"> - Ass'y Fan Motor is assembly of Fan Motor, Propeller and Blower Fan, Orifice and Panel Housing. 8. Lift the Ass'y Fan Motor from the unit. 9. Remove Clip Fan (2 point) from the shaft of Fan Motor. 10. Remove Propeller Fan from the shaft of Fan Motor. 11. Remove Blower Fan from the shaft of Fan Motor. 12. Remove Fan Motor from Panel Housing. <ul style="list-style-type: none"> - Remove screws (4 point).
3	Ass'y Control Box - Panel Control - Main Pcb - Front Pcb - Capacitor - Power Cord	<ol style="list-style-type: none"> 1. Same as the procedure 1 to 5 in the Item 2.
4	O.L.P	<ol style="list-style-type: none"> 1. Same as the procedure 1 to 2 in the Item 2. 2. Remove Terminal Cover from Compressor. <ul style="list-style-type: none"> - Remove hex-nut (1 point).

10. EXPLODED DIAGRAM AND PARTS LIST

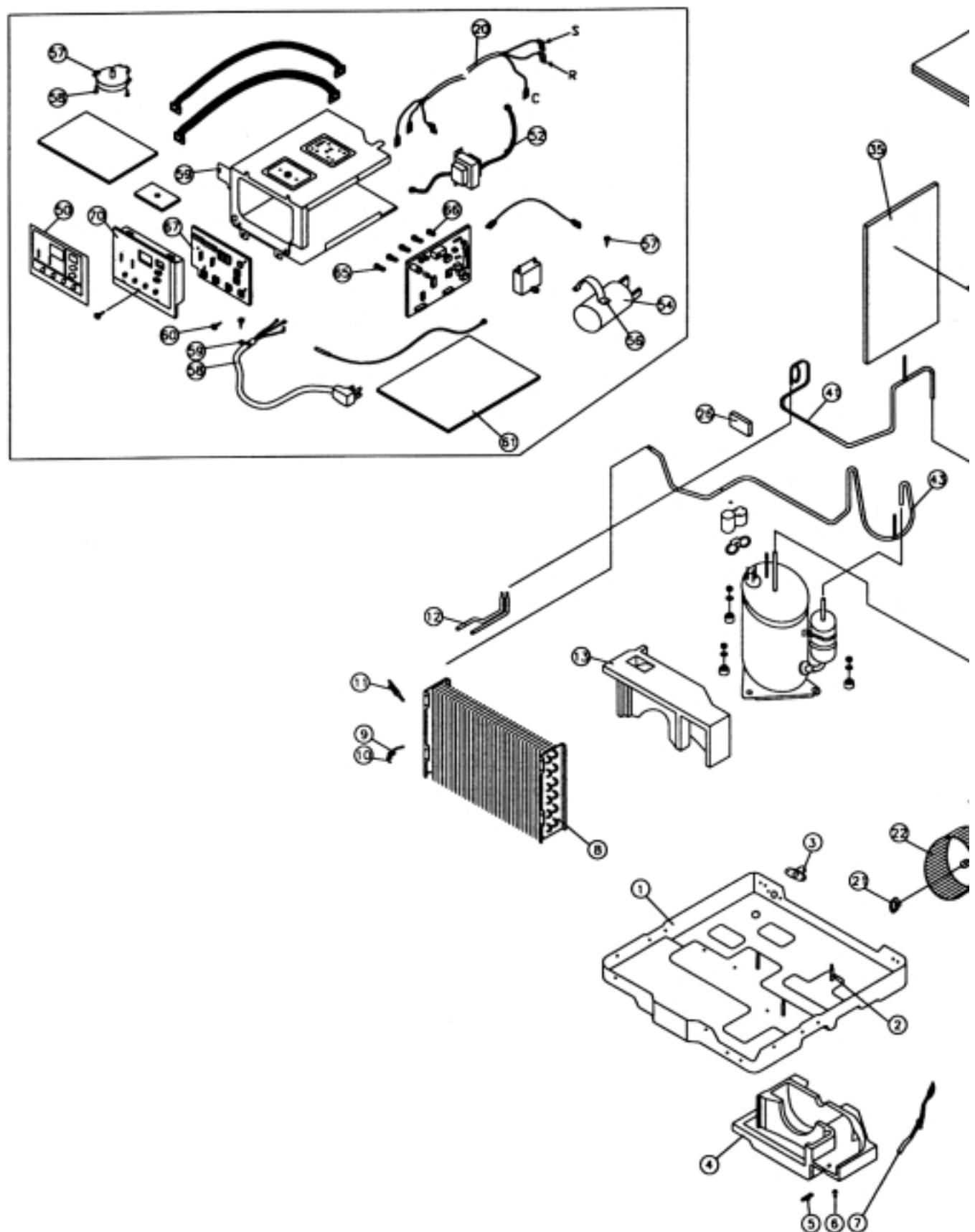
■ DWA-182R PART LIST

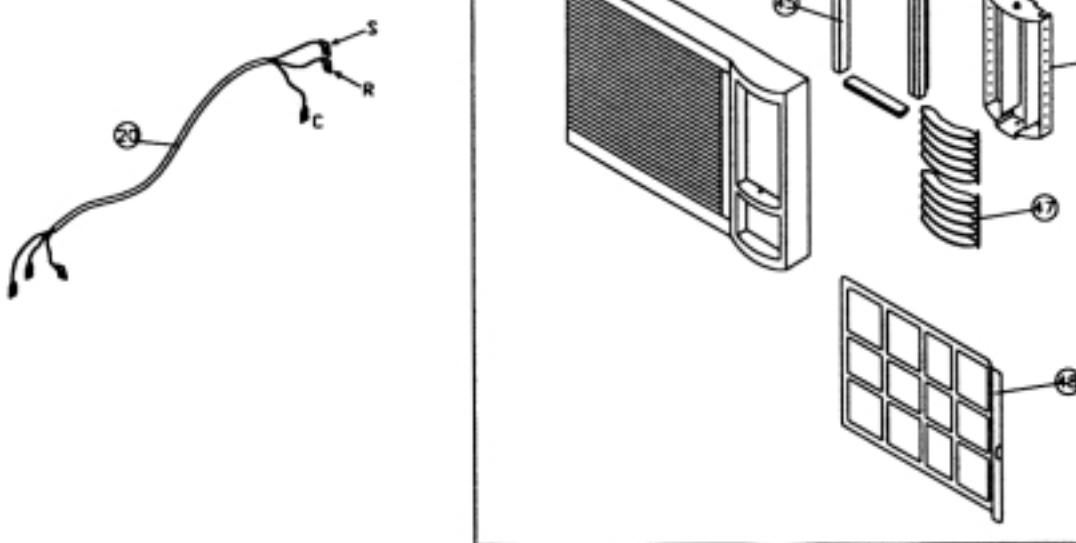
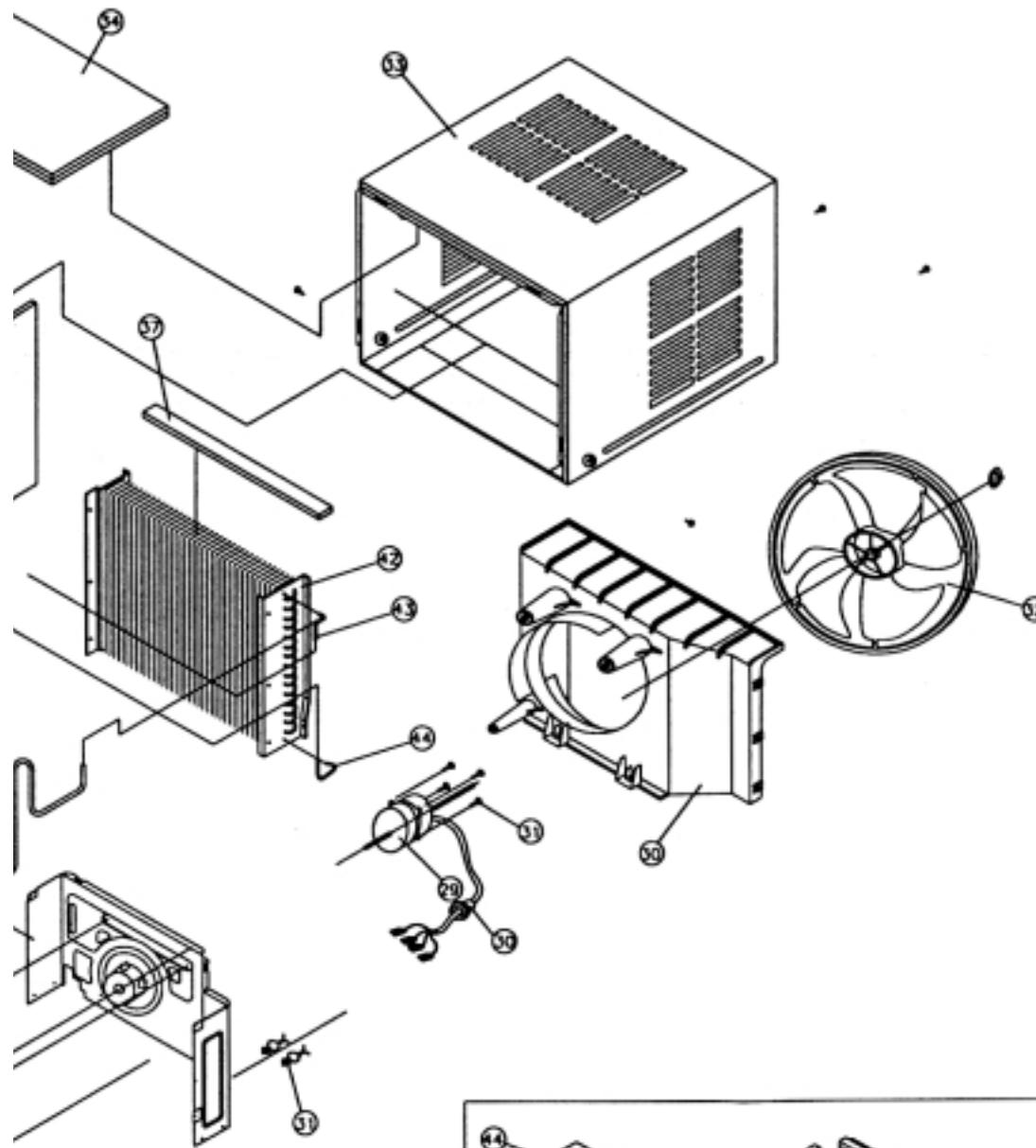
✓ **Caution:** In this Service Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service information Center(<http://svc.dwe.co.kr>)

No.	CODE	COMPONENTS Q'TY	SPECIFICATION	REMARK
1	3100066210	ASS'Y PAN BASE	1	ASS'Y
2	3106000900	COMP BOLT	3	M8
3	3100002900	ASS'Y SEAL CAP DRAIN	1	ASS'Y
4	3106600901	SCROLL LOWER	1	EPS
5	3106700400	CAM	1	POM
6	3104600110	RING VENT	1	NBR P6
7	3101700300	LEVER VENT	1	PP (H-540)
8	3100066500	AS EVA	1	3R-2C(P1.4)
9	3104427300	PIPE EVA IN (1)	1	C1220T-0D 9.52
10	3104427310	PIPE EVA IN (2)	1	C1220T-0D 9.52
11	3100068451	ASS'Y PIPE EVA OUT (A)	1	C1220T-0D 9.52
12	3100068440	ASS'Y PIPE EVA IN (B)	1	C1220T-0D 9.52
13	3106600801	SCROLL UPPER	1	EPS
14	3100091710	COMPRESSOR	1	RCA180B001
15	7400208411	WASHER PLAIN	3	M8
16	7392801211	NUT LOCK	3	M8
17	3108104AE0	GROMMET	3	
18	3102334AE0	GASKET	1	SILICON
19	3101405AE0	COVER TERMINAL	1	PP
20	3102708020	HARNESS COMP ASS'Y	1	AWG-14x3(UL)
21	3107000500	FAN CLIP	2	SK5
22	3101802800	FAN BLOWER	1	ABS(ABS-730)
23	3104202301	PANEL HOUSING	1	SGCC T1.0
26	3104409400	RUBBER PIPE BUTYL 2	1	MASS
27	3108005613	MOTOR FAN	1	SUNGSHIN (IC-12640DWWF6A)
28	3100701500	BUSHING GUIDE	1	NBR
29	7S432X5121	SPECIAL SCREW	4	TT3/HEX 5x12
30	3101405401	COVER ORIFICE	1	PP (M540)
31	3100066700	LOCK WIRE STANDOFF	2	
32	3101802901	FAN PROPELLER	1	ABS+GF20%
33	3100058200	AS CABINET WL	1	ASSY
34	3108505300	SEAL CABINET TOP	1	F-PE+US
35	3108505400	SEAL CABINET SIDE(L)	1	F-US
36	3108505500	SEAL CABINET SIDE(R)	1	F-US
37	3108505600	SEAL COND TOP	1	F-US
38	3100066300	ASS'Y CONDENSOR	1	2R+1C(P1.4)

No.	CODE	COMPONENTS	Q'TY	SPECIFICATION	REMARK
39	3100068402	AS PIPE COND IN (A)	1	C1220T-0D 7.94	
40	3100068420	AS PIPE COND OUT (A)	1	C1220T-0D 9.52	
41	3104429610	AS PIPE COND IN (C)	1	C1220T-0D 7.94	
42	3100071800	AS PIPE DISCHARGE	1	ASSY	
43	3100071900	AS PIPE SUCTION	1	ASSY	
44	3100067900	ASS'Y GRILLE FRONT	1	ASSY	
45	3100072400	AS SEAL GRILLE FRONT(1)	1	F-PE	
	3100072500	AS SEAL GRILLE FRONT(2)	1	F-PE	
	3108505230	AS SEAL GRILLE FRONT(3)	1	F-PE	
46	3106502202	BLADE VERTICAL	1	HIPS	
47	3106502100	BLADE HORIZONTAL	2	PP	
48	3101902201	FILTER PRE	1	HIPS+MESH	
49	7112401011	SCREW TAPPING	1	T1 TRS 4x10	
50	3101601500	DECO FRONT	1	PC T0.2	
51	396603100	MOTOR SYNCRO	1	MN73SHBJ	
52	7122300611	SCREW TAPPING	2	T2S PAN 3x6	
53	3100509210	BOX CONTROL	1	SGCC T0.8	
54	3106902000	CAPACITOR COMP	1	30/400 VAC (SUNGSHIN)	
55	3106901800	CAPACITOR MOTOR	1	6/400 VAC (SUNGSHIN)	
56	3101200600	CLAMP CAPACITOR	1	SGCC T0.8	
57	7122401011	SCREW TAPTRITE	1	T1 TRS 4x10	
58	3101300420	POWER CORD	1	AP-33	
59	3101203100	CLAMP POWER CORD	1	DA-6N	
60	7122401011	SCREW TAPTRITE	1	T1 TRS 4x10	
61	3108505800	SEAL CONTROL BOX	1	F-PE	
62	5EPU040100	TRANSFORMER	1	DWA-230A	
63	7112400811	SCREW TAPPING	2	T1 TRS 4x8	
64	3104302500	ASS'Y MAIN PCB	1		
65	3105000100	SPACER LOCKING	4	DABS-8R	
66	3105000110	SPACER BOARD	1	DACBS-8R	
67	3104302400	ASS'Y FRONT PCB			
68	7122300611	SCREW TAPPING	2	T2S PAN 3x6	
69	3108402900	ASS'Y REMOCON	1		
70	3104202500	PANEL CONTROL	1	HIPS	
69	3102708510	HARNESS DISPLAY1	1	UL 1015-18	
70	3102708610	HARNESS DISPLAY2	1	UL 1015-18	
71	3102708900	HARNESS COIL SENSOR	1	PTC-K43C-D2	
73	3103534831	LABEL SPEC	1		
74	3103905422	MANUAL OWNER'S	1		

*DWA-182R





DAEWOO

DAEWOO ELECTRONICS CO., LTD.

686, AHYEON-DONG MAPO-GU SEOUL, KOREA

C.P.O. BOX 8003 SEOUL, KOREA

TELEX: DWELEC K28177-8

CABLE: "DAEWOELEC"

FAX: 02) 590-6291

TEL: 02) 360-7114/590-6151~5

<http://www.dwe.daewoo.co.kr>

S/M NO.: DWR182R010

PRINTED DATE: JULY.2000